

**Flood Control Project Maintenance
Levee Inspections
LMA District Cover Sheet
Spring 2010 Levee Inspection Results**

Sutter Maintenance Yard Maintenance Area 0013

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)				

** Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

*

SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2010 Levee Inspection Results

Sutter Maintenance Yard Maintenance Area 0013

Waterway			Bank	Unit Miles
Unit No. 01 Cherokee Canal			Right	18.87

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	5/25/2010 - 5/25/2010			
DWR Inspector	Bob Duffey			
Accompanied By	Jason Cooper Sutter Yard			

Check one:

- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report.
- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions.

(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).

Comments

One of the boxes above is to be checked by the Local Maintaining Agency (LMA). If the second box is checked, additional information must also be submitted. This Unit Cover Sheet should be signed and dated by the LMA Representative and returned to DWR with any additional sheets by September 30 (Summer Inspection) or March 31 (Winter Inspection). Please retain a copy for your records. Please mail all of this information to :

DWR Summer/Winter Inspection Reports
3310 El Camino Avenue, Room LL-30
Sacramento, CA 95821-9000

X

Signature of LMA Representative

Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2010

Sutter Maintenance Yard Maintenance Area 0013

Waterway							Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cherokee Canal							Right	18.87	05/25/2010 05/25/2010	Bob Duffey

LMR No	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	0.50	0.50	Earthen Levee	Encroachments	LS	C	Prunings	39.590928 ° -121.701625 °	39.590928 ° -121.701625 °	1
2	0.67	0.67	Earthen Levee	Encroachments	LS	C	Prunings	39.589110 ° -121.700512 °	39.589110 ° -121.700512 °	2
3	0.76	0.78	Earthen Levee	Encroachments	LS	M	Equipment	39.587905 ° -121.700822 °	39.587505 ° -121.700880 °	12 Y
4	1.46	1.46	Earthen Levee	Encroachments	LS	C	Prunings	39.579203 ° -121.702867 °	39.579203 ° -121.702867 °	15
5	9.85	9.86	Earthen Levee	Encroachments	LS	M	Garbage	39.467077 ° -121.743883 °	39.466857 ° -121.743913 °	7

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable PO : Partially Obstructing C : Corrected
M : Minimally Acceptable CO : Completely Obstructing W : Watch/Monitor
U : Unacceptable N : Not Inspected

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2010

Sutter Maintenance Yard Maintenance Area 0013

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cherokee Canal	Right	18.87	05/25/2010 05/25/2010	Bob Duffey

Levee Mile Report Line	3
Start Levee Mile	0.76
End Levee Mile	0.78
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of the equipment along the landside toe of the levee.

rduffey_s_20100628_088.jpg



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**Flood Control Project Maintenance
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Unit Cover Sheet

Spring 2010 Levee Inspection Results

Sutter Maintenance Yard Maintenance Area 0013

Waterway			Bank	Unit Miles
Unit No. 02 Cherokee Canal			Left	23.10

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	5/26/2010 - 5/26/2010			
DWR Inspector	Bob Duffey			
Accompanied By	Jason Cooper Sutter Yard			

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Signature of LMA Representative

Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2010

Sutter Maintenance Yard Maintenance Area 0013

Waterway							Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Cherokee Canal							Left	23.10	05/26/2010 05/26/2010	Bob Duffey
LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
1	0.05	0.15	Earthen Levee	Encroachments	WS	M	Equipment	39.573523 ° -121.701387 °	39.572455 ° -121.702370 °	1
2	1.83	1.83	Earthen Levee	Erosion / Bank Caving	WS	U	Schedule repair of erosion site prior to the next inspection.	39.549450 ° -121.706063 °	39.549450 ° -121.706063 °	7 Y
3	3.81	5.67	Earthen Levee	Erosion / Bank Caving	LS	M	Note and monitor erosion site.	39.523507 ° -121.700693 °	39.524392 ° -121.698292 °	8
4	5.14	5.14	Earthen Levee	Encroachments	WS	M	Garbage	39.526858 ° -121.689360 °	39.526858 ° -121.689360 °	911
5	5.15	5.15	Earthen Levee	Encroachments	WS	M	Garbage	39.526938 ° -121.689597 °	39.526938 ° -121.689597 °	9
6	5.33	5.37	Earthen Levee	Erosion / Bank Caving	LS	M	Note and monitor erosion site.	39.526077 ° -121.692668 °	39.525747 ° -121.693152 °	10
7	5.48	5.53	Earthen Levee	Erosion / Bank Caving	LS	M	Note and monitor erosion site.	39.524828 ° -121.694823 °	39.524440 ° -121.695655 °	13
8	14.02	14.05	Supplemental	USACE Erosion Survey	WS	M	Inspector Comments: 2009: no berm, 2.5:1 slope, holes , clays and silts, 4 ft/s [2009 SiteID:CKC_14_0_L]	39.422281 ° -121.772394 °	39.421839 ° -121.772706 °	5
9	21.71	22.07	Supplemental	USACE Erosion Survey	WS	M	Inspector Comments: 2009: no berm, 2.5:1 slope, no stability issues, clays and silts, 6 ft/s [2009 SiteID:CKC_21-9_L]	39.365281 ° -121.861686 °	39.362497 ° -121.867275 °	14
10	22.38	22.38	Earthen Levee	Encroachments	LS	PO	Landscaping	39.359982 ° -121.871958 °	39.359982 ° -121.871958 °	4
11	22.69	22.69	Earthen Levee	Erosion / Bank Caving	LS	U	Schedule repair of erosion site prior to the next inspection.	39.357348 ° -121.876848 °	39.357348 ° -121.876848 °	3 Y
12	22.75	22.79	Earthen Levee	Erosion / Bank Caving	LS	U	Schedule repair of erosion site prior to the next inspection.	39.357180 ° -121.877755 °	39.356848 ° -121.878467 °	6 Y
13	22.83	22.83	Earthen Levee	Erosion / Bank Caving	LS	U	Schedule repair of erosion site prior to the next inspection.	39.356457 ° -121.879178 °	39.356457 ° -121.879178 °	2 Y

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Cherokee Canal	Left	23.10	05/26/2010 05/26/2010	Bob Duffey

Levee Mile Report Line	2
Start Levee Mile	1.83
End Levee Mile	1.83
Location	Water Side
Category	Earthen Levee
Item	Erosion / Bank Caving

View of the erosion at the waterside toe of the levee.

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Levee Mile Report Line	11
Start Levee Mile	22.69
End Levee Mile	22.69
Location	Land Side
Category	Earthen Levee
Item	Erosion / Bank Caving

View of the erosion along the landside slope.

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Levee Mile Report Line	12
Start Levee Mile	22.75
End Levee Mile	22.79
Location	Land Side
Category	Earthen Levee
Item	Erosion / Bank Caving

View of the erosion along the landside slope cause by a telephone company underground line.

rduffey_s_20100609_036.jpg



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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Cherokee Canal	Left	23.10	05/26/2010 05/26/2010	Bob Duffey

Levee Mile Report Line	13
Start Levee Mile	22.83
End Levee Mile	22.83
Location	Land Side
Category	Earthen Levee
Item	Erosion / Bank Caving

View of the erosion on the landside slope of the levee.

rduffey_s_20100609_037.jpg



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